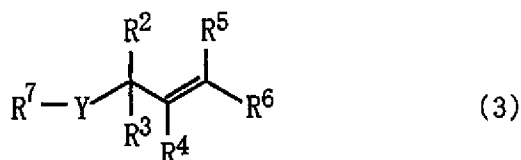


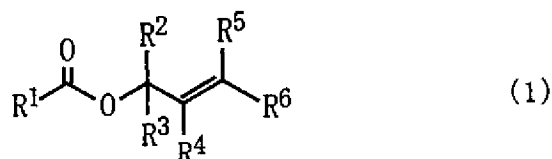
**AMENDED CLAIM SET:**

1. (currently amended) A process for producing an allyl-containing compound represented by following Formula (3):



wherein  $\text{R}^2$ ,  $\text{R}^3$ ,  $\text{R}^4$ ,  $\text{R}^5$  and  $\text{R}^6$  may be the same as or different from one another and each represent hydrogen atom or an organic group;  $\text{R}^7$  represents an organic group; and Y represents oxygen atom or sulfur atom, the process comprising the step of

reacting an allyl ester compound represented by following Formula (1):



wherein  $\text{R}^1$  represents hydrogen atom or an organic group; and  $\text{R}^2$ ,  $\text{R}^3$ ,  $\text{R}^4$ ,  $\text{R}^5$  and  $\text{R}^6$  are as defined above, with a compound represented by following Formula (2)



wherein  $\text{R}^7$  is an organic group; and Y is as defined above, wherein the compound represented by Formula (2) is one selected from the group consisting of alcohols[[,]] and thiol compounds, ~~carboxylic acids, and thiocarboxylic acids,~~ provided that the compound represented by Formula (2) is not a phenol,

in the presence of a catalytic amount of an iridium compound.

2. - 4. (cancelled).

5. (previously presented) The process of claim 1, wherein said iridium compound is an organic iridium complex.

6. (previously presented) The process of claim 5, wherein said organic iridium complex is a cationic iridium complex.

7. (previously presented) The process of claim 5, wherein said organic iridium complex is selected from the group consisting of

di- $\mu$ -chlorotetrakis(cyclooctene)diiridium(I), di- $\mu$ -chlorotetrakis(ethylene)diiridium(I),  
di- $\mu$ -chlorobis(1,5-cyclooctadiene)diiridium(I),  
bis(1,5-cyclooctadiene)iridium tetrafluoroborate, and  
(1,5-cyclooctadiene)(acetonitrile)iridium tetrafluoroborate.

8. (new) The process of claim 1, wherein the amount of a base in the reaction system in the process is less than 0.001 mole per 1 mole of the compound represented by Formula (2).